

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	("3641788"   "4721410"   "4721411"   "4917540"   "5533834"   "5975802"   "6371694"   "6702519").PN.	US- PGPUB; USPAT; USOCR	OR	ON	2010/03/17 10:31
S2	2	WO-2004068012-\$ did.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 11:00
S3	308	(405/166).ccls.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 11:04
S4	162	(405/168.1).ccls.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 12:09
S5	122	S4 not S3	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 12:09
S6	111	(405/168.3).ccls.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 12:18
S7	82	S6 not S4	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 12:18
S8	48	S7 not S3	US- PGPUB; USPAT; USOCR;	OR	ON	2010/03/17 12:18

			FPRS; EPO; JPO; DERWENT				
S9	62	(405/168.4).ccls.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 12:32	
S10	37	S9 not S6	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 12:32	
S11	30	S10 not S4	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 12:32	
S12	526	(405/158).ccls.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 12:34	
S13	520	S12 not S9	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 12:34	
S14	503	S13 not S6	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 12:35	
S15	475	S14 not S4	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 12:35	
S16	432	S15 not S3	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 12:35	
S17	218	(405/184.4).ccls.	US- PGPUB;	OR	ON	2010/03/17 13:19	

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT				
S18	204	S17 not S12	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 13:19	
S19	203	S18 not S9	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 13:19	
S20	203	S19 not S6	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 13:19	
S21	203	S20 not S6	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 13:19	
S22	201	S21 not S4	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 13:20	
S23	199	S22 not S3	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 13:20	
S24	103	(166/349).ccls.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 13:33	
S25	142	(175/89,90).ccls.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 13:39	

S26	3	(snowdon adj matthew).in.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 13:53
S27	75	(shea adj michael).in.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 13:54
S28	3	(shea adj michael).in. and elongate	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 13:55
S29	2	("405"/\$).ccls. and (tensioner and straightener and radius and (tiltable same horizontal same vertical))	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/17 15:18
S30	22	recalde.in.	US- PGPUB; USPAT; USOCR	OR	ON	2010/03/18 07:26
S31	122	("1426990"   "20030118409"   "20050036842"   "20060188341"   "2605202"   "2853968"   "2910835"   "2931185"   "3237438"   "3279762"   "3318278"   "3372461"   "3400900"   "3552345"   "3587505"   "3599435"   "3608321"   "3630461"   "3635186"   "3641778"   "3680342"   "3685306"   "3712100"   "3715890"   "3747356"   "3822559"   "3851489"   "3855835"   "3924415"   "3948059"   "3982402"   "4011826"   "4075300"   "4110991"   "4117692"   "4157023"   "4230421"   "4243345"   "4260287"   "4260288"   "4269540"   "4273469"   "4274799"   "4297054"   "4340322"   "4345855"   "4521132"   "4647253"   "4659253"   "4687376"   "4721410"   "4721411"   "4723874"   "4789108"   "4820082"   "4913080"   "4917540"   "4961671"   "4984934"   "4992001"   "5011333"   "5413434"   "5573353"   "5580187"   "5836719"   "5975802"   "6361250"   "6371694"   "6446663"   "6554538"   "6761506"   "H000945"   "RE28410"   "Re30846").PN. OR ("4340322"   "4721410"   "4721411"   "5527134"   "5975802"   "7581904").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2010/03/18 07:30
S32	27	("405"/\$).ccls. and (tensioner with independent\$2)	US- PGPUB;	OR	ON	2010/03/18 08:07

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT				
S33	2	("405"/\$).ccls. and (tensioner with detach\$4)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/18 08:11	
S34	9	("405"/\$).ccls. and (tensioner same detach\$4)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/18 08:12	
S35	46	("405"/\$).ccls. and (tensioner same independent\$2)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/18 08:14	
S36	19	S35 not S32	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/18 08:14	
S37	0	("405"/\$).ccls. and (tensioner and (independent\$2 same tilttable same horizontal same vertical))	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/18 08:18	
S38	0	("405"/\$).ccls. and (tension\$3 and (independent\$2 same tilttable same horizontal same vertical))	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/18 08:19	
S39	53	("405"/\$).ccls. and (tension\$3 and (independent\$2 same (tiltable tilt\$3)))	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/18 08:19	
S40	2	("405"/\$).ccls. and (tensioner same pad same insert)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/22 09:26	

S41	6	("405"/\$).ccls. and (tensioner with insert)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/03/22 09:27
S42	11	(stockstill adj lyle).in.	US- PGPUB; USPAT; USOCR	OR	ON	2010/03/22 10:36
S43	30	(405/166,168.1,168.3,168.4,158,184.4).ccls. and (@PD> "20100220")	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/20 14:50
S44	0	(166/349).ccls. and (@PD> "20100220")	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/20 14:53
S45	3	(175/89,90).ccls. and (@PD> "20100220")	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/20 14:54
S46	24	("3630461"   "3685306"   "4269540"   "4345855"   "4647253"   "4789108"   "4992001"   "5011333"   "5413434"   "5573353"   "5580187").PN. OR ("5975802").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/10/20 14:55
S47	71	(405/166,168.1,168.3,168.4,158,184.4).ccls. and (guide with (sheave wheel))	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/20 16:35
S48	4	(166/349).ccls. and (guide with (sheave wheel))	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/21 07:00
S49	9	(175/89,90).ccls. and (guide with (sheave wheel))	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/21 07:01
S50	11	(405/166,168.1,168.3,168.4,158,184.4).ccls. and (bend\$3 with pipe with (sheave wheel))	US- PGPUB; USPAT;	OR	ON	2010/10/21 07:03

			USOCR; FPRS; EPO; JPO; DERWENT				
S51	9	(405/166,168.1,168.3,168.4,158,184.4).ccls. and ((roller adj box)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/21 07:16	
S52	0	("405"/\$).ccls. and ((roller adj box) with bend\$3 with pipe)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/21 07:24	
S53	0	("405"/\$).ccls. and ((roller adj box) with bend\$3)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/21 07:24	
S54	0	("405"/\$).ccls. and ((roller adj box) with divert\$3)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/21 07:24	
S55	0	("166"/\$).ccls. and ((roller adj box) with divert\$3)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/21 07:24	
S56	0	("166"/\$).ccls. and ((roller adj box) with (divert\$3 bend\$3 align\$3))	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/21 07:25	
S57	0	("175"/\$).ccls. and ((roller adj box) with (divert\$3 bend\$3 align\$3))	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/21 07:25	
S58	1	("405"/\$).ccls. and ((roller adj box) with (divert\$3 bend\$3 align\$3))	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/21 07:25	
S59	8	(405/166,168.1,168.3,168.4,158,184.4).ccls.	US-	OR	ON	2010/10/21	

		and (bend\$3 with pipe with sheave)	PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT			07:27
S60	63	(405/166,168.1,168.3,168.4,158,184.4).ccls. and (bend\$3 with pipe with horizontal\$2)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/21 07:39
S61	2	GB-2287297-\$ did.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/21 07:41
S62	30	(405/166,168.1,168.3,168.4,158,184.4).ccls. and (@PD> "20101001")	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2011/04/05 13:13
S63	2	(166/349).ccls. and (@PD> "20101001")	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2011/04/05 13:16
S64	2	(175/89,90).ccls. and (@PD> "20101001")	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2011/04/05 13:16
S65	0	(175/89,90).ccls. and (@PD> "20110301")	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2011/09/13 10:54
S66	3	(166/349).ccls. and (@PD> "20110301")	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2011/09/13 10:54
S67	33	(405/166,168.1,168.3,168.4,158,184.4).ccls. and (@PD> "20110301")	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2011/09/13 10:55

			DERWENT			
S68	14	("20030044235"   "20030091395"   "20050036842"   "20060188341"   "20070258772"   "20080170911"   "20100040417"   "4721410"   "4789108"   "5011333"   "6361250"   "6702519"   "6733208"   "7029206").PN. OR ("7938598").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/09/13 12:25
S69	0	(175/89,90).ccls. and (@PD>"20110815")	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2012/01/20 14:37
S70	3	(166/349).ccls. and (@PD>"20110815")	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2012/01/20 14:37
S71	36	(405/166,168.1,168.3,168.4,158,184.4).ccls. and (@PD>"20110815")	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2012/01/20 14:38
S72	1	("6439445").PN.	USPAT; USOCR	OR	OFF	2012/01/26 13:41
S73	12	("405"/\$).ccls. and (tension\$3 and (independent\$2 same (tiltable tilt\$3)) same horizontal\$2 same vertical\$2)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2012/01/30 08:30
S74	17	("20020021943"   "20020159839"   "20030044235"   "20030091395"   "20030118409"   "20050019100"   "3440826"   "4068490"   "4433938"   "6293732"   "6334739"   "6364573"   "6554538"   "6702519"   "6733208"   "6761506").PN. OR ("7744311").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2012/01/30 08:40
S75	8	("175"/\$).ccls. and (tension\$3 and (independent\$2 same (tiltable tilt\$3)) same horizontal\$2 same vertical\$2)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2012/01/30 08:55
S76	3	("166"/\$).ccls. and (tension\$3 and (independent\$2 same (tiltable tilt\$3)) same horizontal\$2 same vertical\$2)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2012/01/30 08:56
S77	52	((flexible same rigid same pipe\$4) and	US-	OR	ON	2012/01/30

		((independent\$2 same (tiltable tilt\$3) same horizontal\$2 same vertical\$2))	PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT			08:57
S78	15	((flexible same rigid same pipe\$4 same independent\$2 same (tiltable tilt\$3) same horizontal\$2 same vertical\$2))	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2012/01/30 08:57
S79	3	((submarine subsea) and (flexible same rigid same pipe\$4 same (tiltable tilt\$3) same horizontal\$2 same vertical\$2))	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2012/01/30 09:13
S80	0	("405"/\$).did. and (flexible same rigid same pipe\$4 same (tiltable tilt\$3) same horizontal\$2 same vertical\$2)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2012/01/30 09:14
S81	0	("114"/\$).did. and (flexible same rigid same pipe\$4 same (tiltable tilt\$3) same horizontal\$2 same vertical\$2)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2012/01/30 09:14
S82	0	("405"/\$).did. and (flexible same rigid same pipe\$4 same horizontal\$2 same vertical\$2)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2012/01/30 09:15
S83	0	("405"/\$).did. and (flexible same segment same pipe\$4 same horizontal\$2 same vertical\$2)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2012/01/30 09:15
S84	15	((submarine subsea) and (flexible same rigid same pipe\$4 same (tiltable tilt\$3)))	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2012/01/30 09:16
S85	25	(thome adj paul).in.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	OFF	2012/01/31 11:02

			DERWENT			
S86	2	(("4283159") or ("20070107387")).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2012/01/31 15:35
S87	2	(("4283159") or ("20090107387")).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2012/01/31 15:35

**EAST Search History (Interference)**

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**2/1/2012 9:50:32 AM**  
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